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Tuesday, 05/08/2008 10:51:11 AM User: Julie Lecocq **Process Sheet Drawing Name** : SEAT BACK (AFT FACING LH/RH) : CU-DAR001 Dart Helicopters Services Customer Job Number : 40868 : 13363 **Estimate Number** : D37743 Part Number P.O. Number : D3774 REVAR 04.08 : 05/08/2008 S.O. No. : Drawing Number This issue : N/A Prsht Rev. : NC Project Number : THERMOFORMING : XB : 31/07/2008 Drawing Revision First Issue Type : 40588 Previous Run Material **Due Date** : 08/08/2008 Qty: Written By Checked & Approved By : Est. REV:A New Issue 08.06.04 DL verified by:DD Comment Additional Product Job Number: *Seq: #: Description: Machine Or Operation: HAND FINISHING THERMOFORMING HAND FINISH TH Comment: HAND FINISHING THERMOFORMING 08.08.05 Str Set up machine program D3774-3 Set up clamping frame as per folio MLEXS125F6002904 GE PLASTICS LEXAN SHEET Ź.0 08.08.05 DE 1 Comment: Qty.: 10.6670 sf(s)/Unit Total: 106.6700 sf(s) GE PLASTICS LEXAN SHEET batch: M 103106 HAND FINISHING THERMOFORMING 3.0 Comment: HAND FINISHING THERMOFORMING 08.08.05 DK 1) Cut Blanks

THERMOFORMING MACHINE

THERMOFORMING 4.0

Comment: THERMOFORMING MACHINE

Thermoform as per Dwg. D32811and Folio FTA 011

Dwg. Rev. Folio Rev. __ A 08.08.06 DL

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× 10

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng/	Approval QC Inspector
6 8.80	8	Trim as per Rev B. (drawings attached)	DL.	0808.11	all	0802-20	105:0620

Part No: D3774-3 PAR #: NA. Fault Category: THELLESTORMY NCR: Yes No DQA: Date: OBIOGIAGO DATE: OBIOGIAGO

NCR: Ц	868	WORK ORDER NON-CONFORMANCE (NCR)						
<u> </u>		Description of NC		Corrective Action Section B		Verification	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section £	Chief Eng	QC Inspector
68 0817	6.	DRILLED HOLE IN WRONG LOCATION.	Janus	(#2 Dont)	8.08.12 W.	10808:20	posicur	10208.20
						-		
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NOTE: Date & initial all entries

Tuesday, 05/08/2008 10:51:11 AM Julie Lecocq User: **Process Sheet** Drawing Name: SEAT BACK (AFT FACING LH/RH) Customer: CU-DAR001 Dart Helicopters Services Job Number: 40868 Part Number: D37743 Job Number: Seq. #: Machine Or Operation: Description: INSPECT PARTS AS THEY COME OFF MACHINE 5.0 QC2 08.08.06 Comment: INSPECT PARTS AS THEY COME OFF MACHINE HAND FINISHING THERMOFORMING 6.0 HAND FINISH TH 08.07.12 Comment: HAND FINISHING THERMOFORMING 1) Trim to Finished Dimensions INSPECT PARTS AS THEY COME OFF MACHINE 7.0 QC2 08.08.14 Comment: INSPECT TRIMMED PARTS 1) Check dimensions to ensure conformity to drawing tolerances. INSPECT WORK TO CURRENT STEP 8.0 QC5 1606.20 Comment: INSPECT WORK TO CURRENT STEP PACKA ING RESOURCE #1 9.0 Comment: PACKAGING RESOURCE #1 FINAL INSPECTION/W/O RELEASE 10.0 Comment: FINAL IN SPECTION/W/O RELEASE Job Completion

Dart Ae	rospace	Ltd								
W/O:			WORK	ORDER CH	ANGES					
DATE	STEP	PROCEDURE CHANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
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			·							
Part No	:	PAR #:	_ Fault Category	"	NCF	R: Yes I	No DQA	\:	_ Date: _	
						QA: N/	C Closed	:	_ Date: _	
NCR:		W	ORK ORDER	NON-CONFO	RMANCE	(NCR)			
		Description of NC	Cor	rective Action	Section B		Verific	ation	Approval	Annroval
DATE	STEP	Section A	Initial Chief Eng	Action Descrip	otion	Sign & Date	Section		Approval Chief Eng	Approval QC Inspector
		•								
		•					ŀ			

DATE STEP Description of NC Section A Initial Chief Eng Chief Eng Section B Section B Section C Section C

NOTE: Date & initial all entries

DART AEROSPACE LTD	WORK ORDER:	40 8 68 *1
Description: Seat Back (Aft Facing)	Part Number:	D37743
Inspection Dwg: D3774 Rev: B		Page 1 of 1

First Article	Prototype	
(Step 4) Ther Visual Inspect	_	

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(Step 6) Trimming FAI Checklist

Inspect dimensions highlighted on inspection sheet drawing <u>03774</u> Rev. <u>B</u> and record below

Drawing	Tolerance	Actual	Accept	Reject	Method of	Comments
Dimension		Dimension			Inspection	
1.3"	+/- 0.100"	1,29	V			
1.9"	+/- 0.100"	1.975	V			
33.9"	+/- 0.100"	33.9	V			
0.065"	MIN	0.076	V			
0.085"	MIN	0096				
0.100"	MIN	125	~			
0.100"	MIN	167		· ·		
0.100"	MIN	164	-			
0.100"	MIN	164				
0.100"	MIN	153	-			
0.100"	MIN	175	ー			
0.100"	MIN	145				

Measu	red by:	\mathcal{A} .	Audited by:	Prototype Approval:	
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		New Issue			1/

DART AEROSPACE LTD	WORK ORDER:	40868 73
Description: Seat Back (Aft Facing)	Part Number:	D37743
Inspection Dwg: D3774 Rev: B		Page 1 of 1

First Article	Prototype
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(Step 4) Thermoforming Visual Inspection Sign-off

Description		Initials
Acceptable shar "inition		1.5%
Free of vis	etc.)	196

(Step 6) Trimming FAI Checklist

Inspect dimensions highlighted on inspection sheet drawing 13714 Rev. 13 and record below

Drawing	Tolerance	Actual	Accept	Reject	Method of	Comments
Dimension		Dimension			Inspection	
1.3"	+/- 0.100"	13"				
1.9"	+/- 0.100"	911				
33.9"	+/- 0.100"	33.9 "				
0.065"	MIN	0.067				<u> </u>
0.085"	MIN	6.092				
0.100"	MIN	3561	8			
0.100"	MIN	/33				
0.100"	MIN	119				
0.100"	MIN	119	~			
0.100"	MIN	1173				
0.100"	MIN	13/	V			
0.100"	MIN	1,12/				

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DART AEROSPACE LTD	WORK ORDER: 4	0868#4
Description: Seat Back (Aft Facing)	Part Number:	D37743
Inspection Dwg: D3774 Rev: B		Page 1 of 1

FIRST ARTICLE INSPECTION CHECK	KLIST
First Article Prototype	
(Step 4) Thermoforming Visual Inspection Sign-off	
Description	Initials
Acceptable shape definition Free of visual flaws (bumps, cracks, voids, etc.)	Ob DC.

(Step 6) Trimming FAI Checklist

Inspect dimensions highlighted on inspection sheet drawing <u>03774</u> Rev <u>18</u> and record below

Drawing	Tolerance	Actual	Accept	Reject	Method of	Comments
Dimension		Dimension			Inspection	
1.3"	+/- 0.100"	1,3"	レ			
1.9"	+/- 0.100"	1.9 01				
33.9"	+/- 0.100"	33'9 11	V			
0.065"	MIN	O OUTY				
0.085"	MIN	0.10511	V			
0.100"	MIN	A.12/"	/			
0.100"	MIN	0 14911	1			
0.100"	MIN	4.754"				
0.100"	MIN	0.12211	V,			
0.100"	MIN	0.1221	V			·
0.100"	MIN	0.136	V			
0.100"	MIN	0 /22				

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DART AEROSPACE LTD	WORK ORDER:	40 FL8 #5
Description: Seat Back (Aft Facing)	Part Number:	D37743
Inspection Dwg: D3774 Rev: B		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST	•
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(Step 4) Thermoforming Visual Inspection Sign-off	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Description	Initials
Acceptable shape definition Free of visual flaws (bumps, cracks, voids, etc.)	ist.

(Step 6) Trimming FAI Checklist

Inspect dimensions highlighted on inspection sheet drawing <u>D3774</u> Rev.13 and record below

Drawing	Tolerance	Actual	Accept	Reject	Method of	Comments
Dimension		Dimension			Inspection	
1.3"	+/- 0.100"	1.3				
1.9"	+/- 0.100"	1,9 11				
33.9"	+/- 0.100"	23.6 "				
0.065"	MIN	6.076				
0.085"	MIN	0,0914				
0.100"	MIN	- 1411 6				
0.100"	MIN	0.162"				
0.100"	MIN	0 147 "	·			
0.100"	MIN	0.149				
0.100"	MIN	0'139"				
0.100"	MIN	1152"				
0.100"	MIN	0.137"				

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DART AEROSPACE LTD	WORK ORDER: くしろんと t	ŧ6
Description: Seat Back (Aft Facing)	Part Number: D37743	
Inspection Dwg: D3774 Rev: B	Page 1 of	1

First Article	Prototype
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(Step 4) Thermoforming Visual Inspection Sign-off

Initials
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1.01

(Step 6) Trimming FAI Checklist

Inspect dimensions highlighted on inspection sheet drawing O3774 Rev. B and record below

Drawing	Tolerance	Actual	Accept	Reject	Method of	Comments
Dimension		Dimension			Inspection	
						14.
1.3"	+/- 0.100"	13	V			1;_
1.9"	+/- 0.100"	19	~			
33.9"	+/- 0.100"	33.9	N			
0.065"	MIN	0,065				
0.085"	MIN	0.090	رسار			
0.100"	MIN	0.119	V			
0.100"	MIN	D 134	•			
0.100"	MIN	124				
0.100"	MIN	1410	1/			
0.100"	MIN	1125	~			
0.100"	MIN	137				
0.100"	MIN	123				

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DART AEROSPACE LTD	WORK ORDER: 4	0868 #7
Description: Seat Back (Aft Facing)	Part Number:	D3774
Inspection Dwg: D3774 Rev: B		Page 1 o

First Article Prototype

(Step 4) Thermoforming Visual Inspection Sign-off

Description	Initials
Beschiption	1930
Acceptable shape definition	19 (# 1)
Free of visual flaws (bumps, cracks, voids, etc.)	1) to

(Step 6) Trimming FAI Checklist

Inspect dimensions highlighted on inspection sheet drawing <u>53774</u> Rev. <u>B</u> and record below

Drawing	Tolerance	Actual	Accept	Reject	Method of	Comments
Dimension		Dimension			Inspection	
						13.1
1.3"	+/- 0.100"	1.2"				<i>y</i> .
1.9"	+/- 0.100"	1 6 11.				
33.9"	+/- 0.100"	83.9	V			T. T.
0.065"	MIN	0.011"				14.
0.085"	MIN	(0.096				
0.100"	MIN	135	V			<u></u>
0.100"	MIN	172	V			<u> </u>
0.100"	MIN	. 145	V			1414
0.100"	MIN	154	1/			8.
0.100"	MIN	118				1
0.100"	MIN	150	1			
0.100"	MIN	128	V			

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WORK ORDER:	40868 ##8
Part Number:	D37743
	Page 1 of 1

First Article Prototype

(Step 4) Thermoforming Visual Inspection Sign-off

Description	Initial

Acceptable shape definition	194
Free of visual flaws (bumps, cracks, voids, etc.)	分人 想让
	#25 7 9.844

(Step 6) Trimming FAI Checklist

Inspect dimensions highlighted on inspection sheet drawing <u>3774</u> Rev <u>18</u> and record below

Drawing	Tolerance	Actual	Accept	Reject	Method of	Comments
Dimension		Dimension			Inspection	<u> </u>
						#L:17
1.3"	+/- 0.100"	1.3	1			Will:
1.9"	+/- 0.100"	1.91	~			1991
33.9"	+/- 0.100"	33.911				lant.
0.065"	MIN	0.075"	-			11221
0.085"	MIN	0.895"	/			1111
0.100"	MIN	135	-			W
0.100"	MIN	.147	V			VF()
0.100"	MIN	1/05				国 政大学
0.100"	MIN	172				1 2 5
0.100"	MIN	1,2	-			<u> 177. </u>
0.100"	MIN	173	1			\$ 1
0.100"	MIN	1146	V			

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DART AEROSPACE LTD	WORK ORDER:	40868 49
Description: Seat Back (Aft Facing)	Part Number:	D3774
Inspection Dwg: D3774 Rev: B		Page 1 o

First Article Prototype

(Step 4) Thermoforming Visual Inspection Sign-off

Description	Initial Initial Initial
Acceptable shape definition	19aci
Free of visual flaws (bumps, cracks, voids, etc.)	1964;
	Äč.
	\$ 1.5°

(Step 6) Trimming FAI Checklist

Inspect dimensions highlighted on inspection sheet drawing **D3774** Rev. **2** and record below

Drawing	Tolerance	Actual	Accept	Reject	Method of	Comments
Dimension		Dimension			Inspection	1111
						AK!
1.3"	+/- 0.100"	1.3	<i>U</i>			<u>kti</u>
1.9"	+/- 0.100"	19"	V			Red
33.9"	+/- 0.100"	23.9 "	V			17.1
0.065"	MIN	0.066"	1/			194 27
0.085"	MIN	6,0%				1123
0.100"	MIN	0 124 "	V			Mitt
0.100"	MIN	n 150 "				
0.100"	MIN	p 124"	V			99
0.100"	MIN	0.126"				
0.100"	MIN	0.1474	~			
0.100"	MIN	0 155				
0.100"	MIN	0.126				

The second secon			35 5
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DART AEROSPACE LTD	WORK ORDER:	40868 70
Description: Seat Back (Aft Facing)	Part Number:	D37743
Inspection Dwg: D3774 Rev: B		Page 1 o

First Article Prototype

(Step 4) Thermoforming Visual Inspection Sign-off

Description	Initia
Acceptable shape definition	O/
Free of visual flaws (bumps, cracks, voids, etc.)	労 (無
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(Step 6) Trimming FAI Checklist

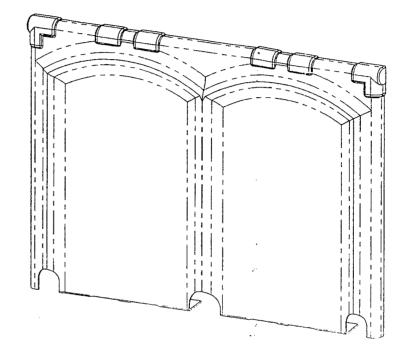
Inspect dimensions highlighted on inspection sheet drawing D3774 Rev. B and record below

Drawing	Tolerance	Actual	Accept	Reject	Method of	Comments
Dimension		Dimension			Inspection	护江
						704
1.3"	+/- 0.100"	1.3	V			
1.9"	+/- 0.100"	19				(BALL
33.9"	+/- 0.100"	339				, iii
0.065"	MIN	8.075"	V			建 排
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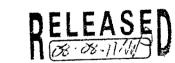
D3774-1 SEAT BOTTOM



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 40868

D3774-3 SEAT BACK

3



В	UPDATE CUTOUT DIMENSIONS (ZN D4-2, D6-2, C4-3, C7-3); UPDATE MINIMUM THICKNESS (ZN A5-2, A5-3); ADD PH 08.07.25 HOLES ON D3774-3 (ZN B6-3) REASON: MANUFACTURING CAPABILITIES						
Α	NEW IS	SUE	HS	08.06.23			
REV.	DESCRIPTION				DATE		
DESIGN	1	HSI	DART AEROSP	ACEL	ACE LTD		
DRAWN	1	RH	HAWKESBURY, ONTA		1		
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MFG. A	PPR.	Sho	D3774		SHEET 1 OF 3		

MFG. APPR.
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